

<p>87-324,50/46 A32 (A89) KYOX 25.12.86 KYOWA GAS CHEM IND (NISE-) 27.12.85-JP-296214 (+ JP-307620) (12.10.87) B29C-39/12 B29K-33 B29K-55 B29I-09 Synthetic resin moulding for lenses, glazing etc. - config. surface layer of cur d alkoxysilane hydrolysis prod. with high antibrasion properties C87-138703</p>	<p>A/6-AC, 11-B4B, 11-B5C, 11-C2D, 12-B7A, 12-S6A)</p>
<p>A synthetic resin moulding contains a cured surface-film involves (1) applying a coating of a hydrolysatn-prod. of a (meth)acryloxy gp. config. alkoxysilane and silica sol. to inside of a mould, (2) heating the compsn. to form a surface film, (3) casting a resin base- material into the mould, and (4) polymerising the resin to produce a moulding. The cured film has a thickness of 0.008-0.08 mm; and the resin base-material is an acrylic, an allyldiglycol carbonate, or a styrenic resin. The hydrolysatn-prods. of (meth)acryloxy gp. config. alkoxysilane is prepd. by hydrolysing acryloxydimethyl trimethoxysilane, acryloxydimethyl (methyl)dimethoxysilane, etc. to substitute at least partially the alkoxyl gpa. for hydroxyl gpa. USE/ADVANTAGE - For glazings and exteriors of motor-vehicles and buildings, spectacle lenses, camera lenses, etc. with high scratching resistance and weather resistance. (Bpp Dwg.No. 0/0) Full Patentees: Kyowa Gas Chem Ind; Nippon Seika KK.</p>	

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